Tabung dan temperature ruang pemeliharaan sebagai penentu lama hidup parasitoid *Hadronotus leptocorisae* Nixon*

(Tube and temperature of rearing room as determinants of longevity of *Hadronotus leptocorisae* Nixon parasitoid)

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ABSTRACT

***Hadronotus leptocorisae* Nixon is one parasitoids that found in the eggs of rice/stinky bug (*Leptocorisa oratorius* Fabricus). The parasitoid mass-rearing effort requires bioecological studies to be more effective and efficient in its mass-rearing. The objectives of this study were to determine the suitable tube and temperature for longevity of adult stage of parasitoid in the laboratory. The study was conducted in two room conditions ie; room temperature and 25°C. The treatments at each room condition were 7 with 10 replications, respectively. The treatments were test tube with diameter and height ie ; A(1;7), B(1; 9.5), C(2;10), D(1.5;12.5), E(2;14), F (2;17) and G (2.5;20), respectively. The room condition differences compared with t test and the tube variation were analyzed with Completely Randomized Design. The results showed that there was a significant difference between the longevity of the adult stage of *H. leptocorisa* parasitoid maintained at room and 25°C temperature ie; 9.5 and 19.1 days. There were no significant difference between the tubes used in the 25°C condition, whereas at room temperature there were a significant difference between treatments A, C and E, F, G.**

Key words : *Leptocorisa oratorius*, bioecology, adult stage, rice bug egg

* Diseminarkan pada Seminar Nasional Politeknik Pertanian Negeri Payakumbuh tanggal 4 Oktober 2017